

# SAFETY DATA SHEET

AstaReal EL25  
Version 07/Apr 2020

## 1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product Name: AstaReal EL25.  
Recommended use: As ingredient in food/food supplement.  
Description: Natural astaxanthin complex from Haematococcus pluvialis formulated in modified starch.  
Manufacturer's contact information:  
AstaReal AB Telephone: +46 (0)8 570 139 50  
Forumvägen 14 E-mail: [info@astareal.se](mailto:info@astareal.se)  
SE-131 53 Nacka  
Sweden

## 2. HAZARDS IDENTIFICATION

This product has been manufactured in accordance with Regulation (EC) No. 178/2002 for use in food/food supplement.  
Not expected to be a health hazard. Avoid raising dust above airborne exposure limits.  
As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

		<u>%-w/w</u>
Composition:	CAS Number 9005-25-8. Modified starch (E1450)	73.5
	Natural astaxanthin complex, other carotenoids and oils (mainly triglycerides). [Extracted from the green microalga Haematococcus pluvialis by supercritical carbon dioxide fluid extraction]	25
	Ascorbyl palmitate (E 304)	1
	D-alpha-tocopherol (E 306)	0.5
Active component:	CAS Number 472-61-7 (astaxanthin free form)	

## 4. FIRST AID MEASURES

Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.  
Skin contact: Not normally harmful to skin. May cause skin discoloration.  
Wash off with plenty of soap and water.  
Eye contact: Check for and remove any contact lenses. Flush the eye with plenty of water to remove deposits. Get medical attention if discomfort persists.

## 5. FIRE FIGHTING MEASURES

Protection against fire: No special requirements.  
Fire extinguishing media: Water, foam, halones.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precaution: Take up spills by mechanical means. Use protective clothings to avoid skin discoloration. Wash contaminated clothing.  
Environmental considerations: No special requirements.

## 7. HANDLING AND STORAGE

Handling: Maintain good conditions of industrial hygiene.  
Storage: Store in the unopened original bag in a cold and dry place protected from light.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace: Maintain good conditions of industrial hygiene.  
Respiratory protection: If user operations generate dust, use a paper or cloth mask.  
Hand protection: Gloves recommended.  
Eye protection: Protective glasses or eye shield recommended.

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<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
Appearance:	Red powder (particle size between 200 – 800 µm)
Odour:	Fresh algal smell.
Colour:	Dark red/brown.
Solubility:	Dispersible in water
pH value:	Neutral.
<b>10. STABILITY AND REACTIVITY</b>	
Storage:	Stable when kept in its original vacuum package in a cold place.
Incompatibilities:	Oxidizing agents.
Flash point:	Ignites with difficulty.
Hazardous decomposition products:	No special. Decomposition generates carbon oxides.
<b>11. TOXICOLOGICAL INFORMATION</b>	
This product is considered as being non-toxic.	
Inhalation of dust particles may cause respiratory tract irritation and discomfort.	
<b>12. ECOLOGICAL INFORMATION</b>	
Product is readily biodegradable.	
<b>13. DISPOSAL CONSIDERATIONS</b>	
No special disposal method required except that it be in accordance with local authority regulations.	
<b>14. TRANSPORT INFORMATION</b>	
Not regulated. Avoid damage to packaging.	
<b>15. REGULATORY REQUIREMENTS</b>	
This product is not classified according to the Regulation (EC) No. 1272/2008.	
In addition, refer to any other national measures that may be relevant.	
<b>16. FURTHER INFORMATION</b>	
The format of this Safety Data Sheet follows guidelines specified in Regulation (EC) No. 1907/2006.	
The information in this sheet does not represent analytical specifications, for which refer to our technical data sheet.	

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AstaReal AB

*Nutraceuticala* s.r.l.  
Via Idice, 270/1 - 40050 Montorencio (BO) Italy  
Tel. 051.929833 - Fax 051.929830  
P. IVA 02226151203  
E-mail: info@nutraceuticala.it - web: www.nutraceuticala.it

